



MAY 2026

THE BIG ISLAND HAMGRAM

The newsletter of the Big Island Amateur Radio Club



At the April gathering, outgoing Treasurer Tony Kitchen, WH6DVI, at right, and incoming Treasurer Fred Fischer, WH6HAA, discuss their ongoing work in making a smooth transition.

Club will meet on 3rd Sunday

Since Mother's Day falls on the second Sunday in May, the club will meet one week later on May 17.

Executive Board meets at noon, followed at 2 p.m. by the first of our semi-annual membership meetings, at which time members vote on assorted business.

All are welcome at the Kamana Senior Center at 127 Kamana St. in Hilo.



Dale, WH6DGM, shows one way to waterproof an exterior cable, using a compressive cold shrink, as the cable is stabilized by William, NH6ET, on April 12.

General membership semi-annual meeting

May 17th 2:00 PM

Call to Order

Count of paid members

present

OLD BUSINESS

Review of current Bylaws

and Constitution

Discussion on previous motion by Les Hittner on changes to Bylaws and Constitution at November meeting.

Note: Per Article VI

Amendments

Bylaws can be amended at this meeting by a simple majority

Constitution changes can be submitted to the membership at the meeting but need to be submitted in writing at least one month prior to the meeting at which the vote is to be taken. They can be voted on in the November meeting.

NEW BUSINESS:

Other business

Presentation and discussion: Other aspects of MESH available (Shawn and others)

Adjourn

Jim Tatar, secretary



- AT&T and FirstNet deployed special communications assets at Kennedy for Artemis II launch support.
- Good reminder that "space communications" begins with Earth infrastructure and operational discipline.



How Artemis II Communicated

RF, Free-Space Optical, and What Has Changed Since Apollo

in Trans-Lunar Communications

In Conclusion:

- Communications is still mission assurance.
- The story of Artemis II is not just "better radios."
- It is better integration, more layers, more capability, and the same old geometry.
- Apollo still teaches the baseline.
- Artemis shows where we are going.

Near Space Network (NSN)



Stylized NASA rendering of the Near Space Network.

NH6ET talks space comms: Changes (or not) in 50 years between Apollo, Artemis II missions

At the club's April 12 gathering, William Polhemus, NH6ET, treated BIARC members to a look at how lunar-mission communications work today.

His presentation, at-once highly technical yet down-to-earth, was a fun, educational exercise. NH6ET gave us a look at what was what then, and what is what now — and why.

Half a century ago, there was Apollo. Now we have Artemis II, the first crewed lunar mission in more than 50 years.

Much has changed, yet much is the same due to various fixed parameters.

What changed since Apollo:

- Better digital avionics and signal processing;
- Layered network support;
- Multi-band architecture; Optical augmentation;
- Better planning around handoffs and data return;
- Movement toward a broader lunar communications infrastructure — not just one spacecraft talking to Earth.

Apollo was fundamentally an RF mission. Voice, telemetry, command, tracking and television all rode radio links.

But, geometry mattered then, too. And Earth-based support mattered then, too.

"A lot of Artemis feels more like Apollo than people first assume," said NH6ET.

Translunar comms are still constrained by distance, geometry, line-of-sight, and link margin.

"Modern missions have better tools, but not different physics," he explained.

More slides on Page 2

More slides from NH6ET's April 12 program on space-mission comms

From Page 1

Artemis II Is More Apollo-Like Than Many Assume



Artemis II altitude context versus Apollo and LRO.

O2O as Real Flight Hardware



Artemis II O2O hardware integration at Kennedy Space Center.

Optical Ground Segment



- White Sands and Table Mountain provided optical ground support.
- Great visual reminder that optical still depends on real terrestrial infrastructure.

Deep Space Network (DSN)



DSN operations display during Artemis II signal acquisition.

APOLLO 11



"That's one small step for man, one giant leap for mankind."
- Neil Armstrong

ARTEMIS II

April 1, 2024

"I have two Microsoft Outlooks, and neither one of those are working."
- Reid Wiseman

Orion Artemis II Optical Communications System



NASA concept art of the O2O optical link on Orion.

All hams invited to First Saturday of the Month Breakfast at IHOP in Hilo

The informal multi-club First Saturday of the Month Breakfast gathering is an East Hawaii tradition. Over the years, interested hams have met at varying venues on that first Saturday.

There's no formal agenda, and everyone is welcome. The current setup is at 7:30 a.m. at IHOP restaurant in Hilo.

One of the regulars for many years, Rick Gardner, WH6LU, has put out a call for increased participation: "Some of us would like to see more BIARC members attending our monthly multi-club breakfast.

"It's a great opportunity for hams to get an idea what's going on locally," he noted.

Milt Nodacker, AH6I, retires from teaching aspiring hams

With the closing of the 2022-2026 NCVEC Technician question pool this coming June, Milt Nodacker, AH6I, is retiring from teaching new radio amateurs.

Since beginning regular teaching in October of 2009 he has taught 467 new hams the basics to pass their first license exam. He also taught upgrade classes to the General license, but never included these in his "new hams" count.

During his residence in Pahoa from 2010-2014 he served three terms as vice president of the Big Island Amateur Radio Club.

His Hawaii classes qualified 143 new hams in Hawaii, including a class on the Kona side that he flew back from the mainland to present in May 2015.

Since moving to the mainland in 2014, Milt has been busy teaching and "doing" ham radio. He and his sweet wife, Jean, WH7WT, live in North Central Idaho.



The members of the BIARC Education and Outreach Committee take the message of amateur radio to the April Science Night at Hilo Intermediate School.

BIARC Ed/Outreach Committee gears up for final Science Night of school year

The members of the BIARC Education and Outreach Committee are looking forward to attending the Hawaii Science and Technology Museum's final Science

Night of the 2025-2026 school year.

It will be at Keonepoko Elementary School on Wednesday, May 13, from

4:30-6 p.m.

"And we thank all who supported the Hilo Intermediate School event in April," said EOC Chairman David Miller, KH6CZ.

CQ, CQ: 'Football/Futbol on the Air'

'Football/Futbol on the Air' will be a special amateur radio event in June and July. This article is from the ARRL Letter, with information provided by Caryn Eve Murray, KD2GUT.

Amateur radio will be carrying the ball this year for soccer — known in the rest of the world as football or futbol — to coincide with the FIFA World Cup 2026™. The tournament and unaffiliated ham radio event will run June 11 to July 19.

As players from around the world compete in the stadiums, amateur radio operators will be looking for contacts during this "Football/Futbol on the Air" special event. Teams of hams will be on the air calling CQ from same 16 World Cup host cities where the matches will be played throughout North America, starting with the first match in Mexico City on June 11, and ending with the final match in New York/New Jersey on July 19.

The host cities, like the teams,

are truly international: three are in Mexico, two are in Canada, and the remaining eleven are in the United States. With a roster of 48 football teams, this is the largest international tournament to date.

Many of the amateur stations will be using 1x1 call signs such as W5C, operating CW, SSB, and the digital modes on HF and VHF as band conditions allow. Others will have longer special-event call signs that can be found on the website, along with a full-color display of the various QSL cards that are available. Each of these QSL cards is collectible and available upon request after a successful contact. There will also be a wildcard "bonus" station using the call sign WC5WC.

A downloadable multi-city certificate will be available with endorsements at various levels. Host city stations are planning to be on the air on the day of their cities' matches, but many will also operate at different times during the tournament.

Hams with a station near one of



the North American host cities are invited to consider joining one of the teams.

Organizing the amateur radio special event had its beginnings in a very local moment. Earlier this year, the Lake Whitney Amateur Radio Society in central Texas was faced with scaling back its big plans for Winter Field Day after a major ice storm struck the region. Ron Franklin, AA5HK, who is the soccer event coordinator, said that after that greatly

downsized Winter Field Day, a number of club members were still primed for a big-scale activation. With the World Cup matches coming to Dallas, the opportunity presented itself. Members secured support from the group president, Robert Tear, N9KGL. The outreach then began to hams in other host cities, including those in Canada and Mexico.

For more details, visit www.wc2026ses.org or email info@wc2026ses.org.

What Is a radiometer? Definition, types, and uses

From:
<https://scienceinsights.org/>

A radiometer is any instrument that measures electromagnetic radiation, whether that's visible light, infrared heat, ultraviolet rays, or microwaves.

Some radiometers measure the total power of radiation hitting a surface, while others (called spectroradiometers) break that radiation down by wavelength to show exactly which parts of the spectrum are present and how strong each one is.

Radiometers show up everywhere from weather stations and satellites to physics classrooms and climate research labs.

How Radiometers Work

All radiometers share one basic job: converting incoming radiation into a signal that can be read and recorded. The simplest designs use a detector material that responds to radiation by generating an electrical current or changing temperature.

The detector's response is then calibrated against known standards so the output translates into a meaningful measurement of radiant power or intensity.

Different detector materials respond to different parts of the spectrum. Silicon-based detectors work well for visible and near-infrared light, roughly 300 to 1,000 nanometers. Indium gallium arsenide detectors pick up where silicon leaves off, covering about 950 to 1,650 nanometers in the near-infrared. For longer wavelengths stretching into the mid- and far-infrared, pyroelectric detectors made from materials like lithium tantalate can reach out to 19 micrometers. This range of detector technologies means radiometers can be built to cover nearly any portion of the electromagnetic spectrum, from ultraviolet through visible light to deep infrared.

The Crookes Radiometer: A Famous Example

If you've ever seen a glass bulb with black-and-white vanes spinning inside it on a sunny windowsill, that's a Crookes radiometer. Invented by William Crookes in the 1870s during spectral experiments with infrared light, it's an evacuated glass bulb containing a set of four lightweight vanes mounted on a low-friction pin. Each vane is painted black on one side and silvered on the other.

When light hits the vanes, the black sides absorb more energy than the reflective sides. This heats the air molecules near the black surface, making them more energetic. The result is a process called thermal transpiration: gas inside the bulb flows from the cooler side to the hotter side of



KH7DQ's radiometer with his other solar buddies.



WH7BR's radiometer does double duty as official instrument and cat toy, as rescue cat Miss Lulu confirms.



KH6HAK's radiometer.



WH6LQ's radiometer was a gift from a longtime friend and former coworker who died in 2024.

each vane, creating a pressure difference that pushes the black side away from the light source and sets the vanes spinning.

It's a mesmerizing demonstration, but as a scientific instrument, the Crookes radiometer was essentially useless. You can't translate the speed of spinning vanes into a precise measurement of radiant power. It became a popular novelty item instead.

A separate device, the Nichols radiometer, was later built with much greater sensitivity to detect

ra·di·om·e·ter [rādē'ämədər]

1. an instrument for detecting or measuring the intensity or force of radiation.

the actual pressure exerted by photons, confirming James Clerk Maxwell's predictions about radiation pressure. The key difference: the Nichols radiometer used magnetic damping and careful pressure control, and its designers made the vanes fully reflective on one side so the momentum transfer from photons could be isolated from gas effects.

Types Used in Solar and Climate Measurement

In weather and climate science, radiometers are essential tools for tracking how much energy the sun delivers to Earth's surface and how much the surface radiates back. Several specialized types handle different parts of this energy budget.

- Pyranometers measure broadband shortwave irradiance, meaning the total sunlight (direct plus scattered) reaching a horizontal surface. They're the workhorses of solar monitoring stations.
- Pyrheliometers measure only the direct beam of sunlight, called direct normal irradiance. They track the sun across the sky and exclude scattered light.



Found online



Found online



From previous page

- Pyrgeometers measure longwave (infrared) radiation, capturing the heat energy emitted by the Earth's surface and atmosphere.
- Net radiometers combine all of these functions, measuring both incoming and outgoing radiation in shortwave and longwave bands simultaneously. This gives a single picture of whether a surface is gaining or losing energy overall.

Net radiometers used in climate research typically cover shortwave wavelengths from about 300 to 2,800 nanometers and longwave wavelengths from 4,500 to 42,000 nanometers. They record upwelling and downwelling radiation in 30-minute intervals, and these measurements feed into surface energy balance calculations that help scientists understand how heat moves between the ground, the air, and space.

Microwave Radiometers in Atmospheric Science

Not all radiometers measure light you can see or feel as heat. Microwave radiometers detect radiation at much longer wavelengths, in the gigahertz frequency range, and they're widely used for atmospheric profiling from aircraft and satellites.

NASA's Microwave Temperature Profiler is a passive instrument, meaning it doesn't send out a signal. Instead, it listens for the natural thermal emissions from oxygen molecules in the atmosphere. By tuning to three specific frequencies (55.51, 56.65, and 58.80 GHz) and scanning at multiple elevation angles between straight up and straight down, it collects a set of 20 "brightness temperature" readings every 15 seconds. A statistical algorithm then converts those readings into a vertical profile of air temperature at different altitudes.

The trick that makes this work: each frequency penetrates the atmosphere to a different depth. Higher frequencies are absorbed more quickly, so they reveal conditions closer to the instrument. Lower frequencies see farther. By combining multiple frequencies with multiple viewing angles, the radiometer builds a layered picture of atmospheric temperature without needing to physically send a probe through the air.

Calibration and Precision

A radiometer is only as good as its calibration. The National Institute of Standards and Technology (NIST) maintains reference-grade detector standards that other instruments are calibrated against. Their highest-precision standards, silicon tunnel-trap detectors, achieve uncertainties as low as 0.05% across the 400 to 960 nanometer range. For the near-infrared, indium gallium arsenide sphere-input detectors match that level of precision from 950 to 1,650 nanometers. Pyroelectric standards extend calibration capability from 250 nanometers in the ultraviolet all the way

ra·di·om·e·ter [rādē'ämədər]

1. an instrument for detecting or measuring the intensity or force of radiation.

to 2.5 micrometers in the infrared, with uncertainties under 0.34%.

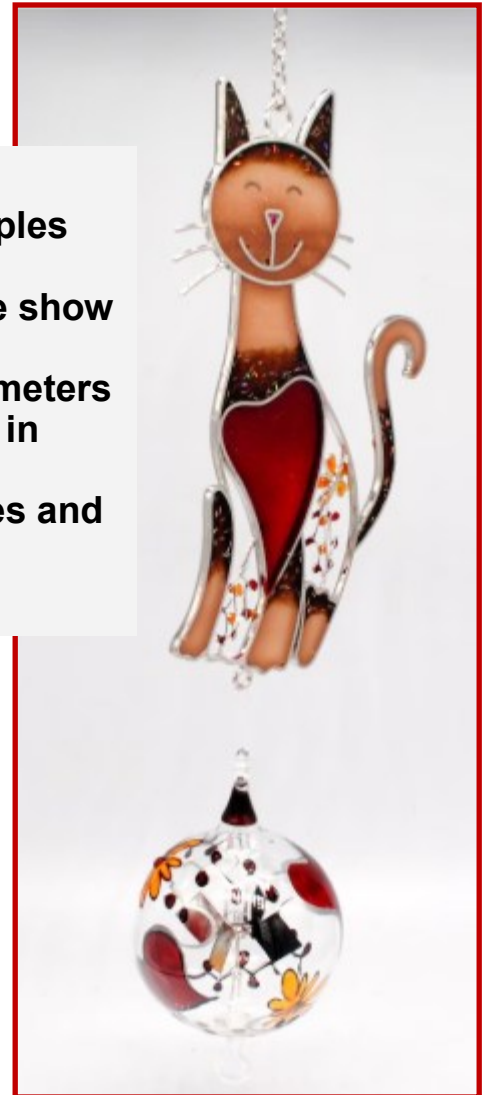
These numbers matter because radiometric measurements underpin everything from satellite climate records to industrial quality control. A small systematic error in a radiometer's calibration can ripple through decades of data. That's why national standards laboratories invest heavily in maintaining and improving reference instruments that anchor the entire measurement chain.

More examples found online show that radiometers come in many shapes and sizes.



Everyday and Industrial Uses

Beyond research labs and weather stations, radiometers appear in a surprising range of applications. Thermal imaging cameras used in building inspections are essentially radiometers tuned to the infrared wavelengths that warm objects emit. Solar panel installers use pyranometers to assess how much sunlight a rooftop receives before recommending a system size. In manufacturing, radiometers verify that UV curing lamps deliver the right dose to harden coatings and adhesives. Astronomers use radio-frequency radiometers to study distant galaxies and the cosmic microwave background. What ties all of these together is the same core principle: detecting electromagnetic radiation and converting it into a number. Whether the instrument sits on a weather



tower, orbits Earth on a satellite, or spins lazily on your desk in the sunlight, it's doing some version of the same job that defines every radiometer.

The Hawaii County Siren Report for May 2026

From Darrell Asuka, KH6RDO, for the Big Island ARES Group

This month, we had interference on the Mauna Kea repeater which shorten the on time till 12 noon rather than 1230. The Allstar system also had connectivity issues with the Laupahoehoe, Hakalau, and Pepeekeo repeaters offline. They were running in local mode. Dave is checking into that.
Considering these issues, there were still reports on 38 siren locations.

Darrell

MONTHLY SIREN REPORT FOR May 2026

Location	Observer	Mode	Status	Notes
NOT WORKING				
HA802 Honoapu	WH6HC	DMR	Not Working	
HA806 HOVE Shopping Center #2		DMR	Not Working	car accident
HA807 Waiohinu Park Naalehu	KH6HA	DMR	Not Working	
WORKING				
HA101 Leleiwi	KI6HBZ	Allstar	Working	
HA104 Banyan Dr	KH6ATU	Allstar	Working	
HA107 Federal Building Downtown	N0CAN	Mauna Kea	Working	
HA110 Kulaimano Center Pepeekeo	KH6RDO	Allstar	Working	
HA114 Carvalho Park	NH6WT	DMR	Working	
HA115 Paukaa	AH6JA	Email	Working	
HA116 State Building	N0CAN	Mauna Kea	Working	
HA117 Ainako Park	WH6FSA	Allstar	Working	
HA120 Mohouli Park	N0CAN	Mauna Kea	Working	
HA123 Waikaumalo Park Ninole	WH6FIQ	Text	Working	
HA201 Laupahoehoe Lookout	WH6FSE	Email	Working	
HA202 Laupheohoe Point	WH6FSI	Email	Working	
HA301 Paauilo	AH6JA	Email	Working	
HA304 Ookala	WH6GDC	Email	Working	
HA401 Waimea Park Kamuela	WH6EHJ	Email	Working	
HA402 Waiaka Bridge Kamuela	WH6EHJ	Email	Working	
HA405 Puako General Store #1	WH6EHJ	Email	Working	
HA407 Kawaihae Harbor	WH6EHJ	Email	Working	
HA503 Kamehameha Park Kohala	WH7WZ	Text	Working	
HA601 Palani / Kuakini Kona	WB7N	DMR	Working	
HA609 Old Kona Airport	WB7N	DMR	Working	
HA610 Honokahau Boat Harbor	WH6EHJ	Email	Working	
HA611 NELHA Kona	WH6GTD	Text	Working	
HA702 Captain Cook	WH6WF	Text	Working	
HA801 Naalehu	WH6HC	DMR	Working	
HA804 Pahala	WH7BR	Allstar	Working	
HA805 HOVE Community Center Leilar	KH7MS	DMR	Working	
HA809 HOVE Reef Blvd #3	WH6FC	DMR	Working	
HA901 Mountain View	WH6LC	Email	Working	
HA907 Hawn Beaches Park #1	KH7LM	Mauna Kea	Working	
HA908 Kaimu Beach Kalapana	KH6PGA	Allstar	Working	
HA913 HPP #3 6th & Makuu	NH6OV	Mauna Kea	Working	
HA925 HPP #1 Paradise / Ala Kai	KH6CZ	Mauna Kea	Working	
HA936 Cooper Center Volcano	KH7DQ	Mauna Kea	Working	
HA937 Waa Waa	NH7PE	Text	Working	



STATE-WIDE MESHTASTIC LISTING AS OF MAY 6

COMPILED BY KH6RDO, comprehensive list continues on next several pages

Name	Approximate Location	Island	Device				
Dewey, nh6m	Ahikawa Kailua-Kona	Hawaii	heltec-wireless-tracker	KH7MS-Home	HOVE	Hawaii	heltec-v3
Meshtastic cc7f	Ahikawa K-K	Hawaii	tracker-t1000-e	KH7MS-M2	HOVE	Hawaii	heltec-v3
Meshtastic 12a8	Ahualoa	Hawaii	rak4631	WH6FC_Mesh_dcc6	HOVE	Hawaii	t-echo
Meshtastic 60f3	Ahualoa	Hawaii	rak4631	Kaloli-6CZ	HPP	Hawaii	rak4631
WH6HAA-M1	Ainaloa	Hawaii	tracker-t1000-e	Little Brother 3	HPP	Hawaii	tracker-t1000-e
HBMCI	Amualu	Hawaii	station-g2	Mesh HPP c918	HPP	Hawaii	heltec-v3
BROVO 1	East Volcano	Hawaii	tracker-t1000-e	Mi9ddle Brother	HPP	Hawaii	heltec-v4
Coral_Hale	East Volcano	Hawaii	rak4631	ND0B in HPP	HPP	Hawaii	heltec-v3
Farley- Server	East Volcano	Hawaii	station-g2	Trust Science Not Morons	HPP	Hawaii	heltec-v3
Foh-ENV	East Volcano	Hawaii	rak4631	Meshtastic 07e4	Hualalai 4 Seasons	Hawaii	
GYZ 001	East Volcano	Hawaii	heltec-v3	solar kilo	Hualalai 4 Seasons	Hawaii	rak4631
Hitchiker	East Volcano	Hawaii	heltec-v3	Patches	Hualalai Villas	Hawaii	tracker-t1000-e
hitchiker r f udp	East Volcano	Hawaii	heltec-v3	Meshtastic 4dda	Kahului	Hawaii	heltec-mesh-node-t114
hitchikerAL	East Volcano	Hawaii	heltec-v3	Elab Pi Waveshare A021	Kailua-Kona	Hawaii	rak4631
hitchiker-udp	East Volcano	Hawaii	portduino	K7JBS KOA	Kailua-Kona	Hawaii	heltec-v3
KH6GG Node 2	East Volcano	Hawaii	heltec-vision-master-t190	KH6ICU Pocket	Kailua-Kona	Hawaii	tracker-t1000-e
LM-Base	East Volcano	Hawaii	station-g2	KH6ICU Truck	Kailua-Kona	Hawaii	rak4631
LM-Experimental	East Volcano	Hawaii	portduino	KH6KA - Home Base	Kailua-Kona	Hawaii	heltec-v3
LM-Meshsense	East Volcano	Hawaii	heltec-v3	KH6KA - Router	Kailua-Kona	Hawaii	rak4631
Luke-40e3	East Volcano	Hawaii	nano_g2_ultra	Makalei nh6m	Kailua-Kona	Hawaii	heltec-v3
meshforge base1	East Volcano	Hawaii	rak4631	Meshtastic 9da7	Kailua-Kona	Hawaii	
MLE_Net 5a60	East Volcano	Hawaii	heltec-v3	Meshtastic ad33	Kailua-Kona	Hawaii	
MLE_Net 5a60	East Volcano	Hawaii	heltec-v3	solar-huehue 7593	Kailua-Kona	Hawaii	rak4631
Nurse Dude Alphanu2	East Volcano	Hawaii	heltec-mesh-mode-t114	WB7N Pocket	Kailua-Kona	Hawaii	wismesh-tag
Nurse Dude tdeck	East Volcano	Hawaii	t-deck	WB7N Pocket 2	Kailua-Kona	Hawaii	tracker-t1000-e
nurse dude V4 qth	East Volcano	Hawaii	heltec-v4	WH6KB Palasades Roof 01	Kailua-Kona	Hawaii	rak4631
Nurse Dudes Vision	East Volcano	Hawaii	heltec-vision-master-t190	WH7Q Kailua Kona	Kailua-Kona	Hawaii	station-g2
WH6GQD	East Volcano	Hawaii	tracker-t1000-e	Ahikawa NH6M	Kalaoa	Hawaii	heltec-v3
wh6gkz meshtoad	East Volcano	Hawaii	portduino	Dewey nh6m	Kalaoa	Hawaii	heltec-wireless-tracker
WH6GXZ Mini Mesh	East Volcano	Hawaii	portduino	Meshtastic 4296	Kalaoa	Hawaii	
wh6gkz-udp	East Volcano	Hawaii	portduino	Kalaoa 1490	Kaloko	Hawaii	rak4631
WH6GXZ-Fox	East Volcano	Hawaii	portduino	Meshtastic 0b20	Kaloko	Hawaii	
JT Mobile Mesh	East Waimea	Hawaii	tracker-t1000-e	Meshtastic 6c0d	Kalopa Mauka	Hawaii	t-echo
Meshtastic 92ac	East Waimea	Hawaii	heltec-v3	Hoku Omni	Kawaihae	Hawaii	heltec-v3
pi4-30db-whha	East Waimea	Hawaii	portduino	Pi3-30db Kawaihae 8ff0	Kawaihae	Hawaii	portduino
solar monolith beta	Hale Pohaku	Hawaii	rak4631	Pi4K-30db surfpark	Kawaihae	Hawaii	portduino
Mesh 9F54	Hapuna	Hawaii	seed_wio_tracker_11	pizero-30db-india 3a53	Kawaihae	Hawaii	tracker-t1000-e
Kohala 8CA6	Hawi	Hawaii	rak4631	Kelan's Phone	Kawaihae Rd	Hawaii	heltec-wireless-tracker
Kohala 8ca6	Hawi	Hawaii	rak4631	KH 7b78	Kawaihae Rd	Hawaii	heltec-v3
Tu's Ranch	Hawn Acres	Hawaii	rak4631	Heltec mesh node T114	Kawaihae Rd Waimea	Hawaii	tracker-t1000-e
Meshtastic 70c4	Hawn'n Ocean View	Hawaii		Kika1	Kawalani	Hawaii	seed-solar-node
BK72	Hillside-Sunrise Sub	Hawaii	tlora-v2-1-1p6	Meshtastic solar N56	Kawalani	Hawaii	tracker-t1000-e
F2PB1	Hillside-Sunrise Sub	Hawaii	tlora-v2-1-1p6	Richard A Pocket 1	Kawalani	Hawaii	seed-solar-node
GIX8	Hillside-Sunrise Sub	Hawaii	tlora-v2-1-1p6	Little Brother 1	Keauu	Hawaii	heltec-v3
GIX9	Hillside-Sunrise Sub	Hawaii	t-deck	Mesh HPP c9a0	Keauu	Hawaii	tlora-v2-1-1p6
				Meshtastic ee30	Keauu	Hawaii	tlora-v2-1-1p6
				ChrisH2T v6	Keahole	Hawaii	heltec_mesh_node_t114
GIXPBT2	Hillside-Sunrise Sub	Hawaii	tlora-v2-1-1p6	Gibby	Keahole	Hawaii	tracker-t1000-e
HI Mesh Project - Waiakea CERT Team 2	Hillside-Sunrise Sub	Hawaii	heltec-v3	K8SLNC-2 BI-Mobile when i go	Keahole	Hawaii	llygo-tbeam-s3-core
WH6GIX	Hillside-Sunrise Sub	Hawaii	tlora-v2-1-1p6	Keahole solar 2	Keahole	Hawaii	rak4631
Demo1	Hilo	Hawaii	station-g2	X SK1262	Keahole	Hawaii	xiao-nrf52-kit
Ghostline 2	Hilo	Hawaii	heltec-v3	Keahole pt	Keahole Airport	Hawaii	heltec-v3
HI Mesh Project - Waiakea CERT Team 1	Hilo	Hawaii	heltec-v3	KH6KA - Magic Sands	Keauhou	Hawaii	
HIJ HiMesh Project - Waiakea CERT 4	Hilo	Hawaii	heltec-v3	Meshtastic 7d30	Keauhou	Hawaii	
HIJ HiMesh Project - Waiakea CERT 5	Hilo	Hawaii	heltec-v3	Meshtastic a314	Keauhou	Hawaii	heltec-v4
hijj himESH Project-Waiakea CERT 3	Hilo	Hawaii	heltec-v3	CB202	Keauhou Kona	Hawaii	heltec-v3
hijj himESH Project-Waiakea CERT 6	Hilo	Hawaii	heltec-v3	N8CMB	Keauhou Kona	Hawaii	heltec-mesh-node-t114
JulietFiveSix	Hilo	Hawaii	heltec-mesh-mode-t114	Meshtastic c78b	Keaukaha	Hawaii	tracker-t1000-e
keychain_1black_M	Hilo	Hawaii	rak4631	WD4VID - Mini	Keaukaha	Hawaii	rak4631
KH6GG Pager	Hilo	Hawaii	t-lora-pager	kilohana east e873	Kilohana	Hawaii	rak4631
KH6RDO Hilo	Hilo	Hawaii	rak4631	Kilohana solar West	Kilohana	Hawaii	rak4631
Meshtastic 1210	Hilo	Hawaii	station-g2	Kilohana Solar 6w-3k 6c8e	Kilohana Scout	Hawaii	rak4631
Meshtastic 3151	Hilo	Hawaii	heltec-v3	Hanaipoe mana ac9f	Kilohana Scout area	Hawaii	heltec-v3
Meshtastic 4474	Hilo	Hawaii	station-g2	HC Jumper	Kilohana Scout area	Hawaii	heltec-v3
Meshtastic 8d30	Hilo	Hawaii	heltec-v3	Meshtastic a2e9	Kilohana Scout area	Hawaii	heltec-v3
Meshtastic 8ddf	Hilo	Hawaii	heltec-v3	Meshtastic CC58	Kilohana Scout area	Hawaii	heltec-v3
Meshtastic cac8	Hilo	Hawaii	heltec-v3	Kohala Hoea Rd 3	Kohala	Hawaii	heltec-v3
Meshtastic e048	Hilo	Hawaii	heltec-v3	Kohala Hoea Rd 55-358-1	Kohala	Hawaii	heltec-v3
Naboa 1	Hilo	Hawaii	heltec-v3	Kohala Hoea Rd 55-358-2	Kohala	Hawaii	heltec-v3
PHTO	Hilo	Hawaii	rak4631	Hawi 570f	Kohala Mtn Rd	Hawaii	rak4631
PM T1000 d7e0 (mobile)	Hilo	Hawaii	tracker-t1000-e	Kalopi 8ad1	Kohala Mtn Rd	Hawaii	rak4631
WD4VID - Aardvark	Hilo	Hawaii	station-g2	Kalopi repeater	Kohala Mtn Rd	Hawaii	heltec-v3
WH6EMN-B	Hilo	Hawaii	station-g2	Station G2 Control	Kohala Mtn Rd	Hawaii	station-g2
WH6EMN-Demo-M3	Hilo	Hawaii	station-g2	6A seed Hilo	Komohana	Hawaii	tracker-t1000-e
WH6EMN-M1	Hilo	Hawaii	station-g2	SS RANGER MAGNUM	Kona	Hawaii	t-deck
WH6EMN-M2	Hilo	Hawaii	station-g2	Acti-B3:817on Potential	Kona Village	Hawaii	t-echo
WH6FSA-M	Hilo	Hawaii	station-g2	Meshtastic 1d29	Kuakini Hieghts	Hawaii	
WH6GZZ	Hilo	Hawaii	station-g2	Mobile1	Kukila Hilo	Hawaii	heltec-v3
WH6HEO_2680	Hilo	Hawaii	heltec-v3	Meshtastic bfea	Kukio	Hawaii	t-echo
WH6HEO_BB30	Hilo	Hawaii	heltec-v3	Potala	Kurtistown	Hawaii	rak4631
WH6HEO_Xiaolin	Hilo	Hawaii	seed-xiao-s3	Meshtastic 2d76 (mobile)	Lalamilo	Hawaii	tracker-t1000-e
KD2HWH b394	Hilton Waikoloa	Hawaii	t-beam	Meshtastic 5e38	Lalamilo	Hawaii	rp2040-lora
WH6KB Holualoa	Holualoa	Hawaii	rak4631	Meshtastic 6453	Lalamilo	Hawaii	t-echo
Meshtastic fec4	Holualoa Kona	Hawaii	t-beam	Meshtastic 8295	Lalamilo	Hawaii	tracker-t1000-e
Honoka'a Area Repeater	Honokaa	Hawaii	rak4631	Meshtastic be48	Lalamilo	Hawaii	llygo-tbeam-s3-core
Honokaa Hospital M1	Honokaa	Hawaii	tracker-t1000-e	Meshtastic cc87	Lalamilo	Hawaii	
Noah-Honokaa	Honokaa	Hawaii	station-g2	Meshtastic e18e	Lalamilo	Hawaii	tracker-t1000-e
Solar Pad alpha	Honokaa	Hawaii	rak4631	Pi400-30db	Lalamilo	Hawaii	portduino
FIRETOG	Honokahau	Hawaii	t-deck	Solar 482f	Lalamilo	Hawaii	rak4631
AH6DL 6DL1	Honomu	Hawaii	rak4631	solar IP67 gps alpha	Lalamilo	Hawaii	rak4631
AH6DL Honomu T	Honomu	Hawaii	Liligo t-beam S3 core	WH6EHJ - 2fc5	Lalamilo	Hawaii	rak4631
AH6DL roam a05e	Honumu	Hawaii	t-echo	KH6EKD-2	Laupahoehoe	Hawaii	heltec-v3
HOV2 c318	HOVE	Hawaii	heltec-v3	Meshtastic 71ea	Laupahoehoe	Hawaii	rak4631
				WH6KB Pocket	Lower Palasides	Hawaii	tracker-t1000-e



9BD0	Lower Volcano	Hawaii	tracker-t1000-e	all your base are belong to us	Waimea	Hawaii	rak4631
WH6GXZ-ecom	Lower Volcano	Hawaii	portduino	Chris Hawkins	Waimea	Hawaii	rak4631
H2T	Lower Waimea Town	Hawaii	heltec-mesh-node-t114	Drone	Waimea	Hawaii	tracker-t1000-e
Meshtastic ace1	Lower Waimea Town	Hawaii	rak4631	elab router pi4-30db ba5a	Waimea	Hawaii	portduino
solar monolith	Mana	Hawaii	rak4631	G2 8010	Waimea	Hawaii	station-g2
LMTK-23ac	Mauna Kea	Hawaii	station-g2	Hawi Rd Waimea e3c9	Waimea	Hawaii	rak4631
HPKU Hale Pohaku	Mauna Kea Beach	Hawaii	heltec-v3	Heltec V4 c968	Waimea	Hawaii	heltec-v4
Ditto	Mauna Kea Beach	Hawaii	heltec-v3	Hokuula Solar	Waimea	Hawaii	heltec-v3
Onix	Mauna Kea Beach	Hawaii	heltec-v3	HPA MQTT Gateway	Waimea	Hawaii	rak4631
7771-Tracker 1	Mauna Lani	Hawaii	seed_wio_tracker_11	Kamika 336b	Waimea	Hawaii	tracker-t1000-e
Meshtastic 301c	Mauna Lani	Hawaii		Mana Road 59ab	Waimea	Hawaii	rak4631
Solar Tango Mauna Lani	Mauna Lani	Hawaii	rak4631	Meshtastic 0429	Waimea	Hawaii	
MLOA-01 BIARC	Mauna Loa	Hawaii	station-g2	Meshtastic 0a4c	Waimea	Hawaii	rak4631
SW	Mid Kawaihae Rd	Hawaii	tracker-t1000-e	Meshtastic 2048	Waimea	Hawaii	heltec-v4
APRS Igate Eden Rock 96771	Mountain View	Hawaii	heltec-vision-master-t190	Meshtastic 9c38	Waimea	Hawaii	tracker-t1000-e
KH6GG (mobile)	Mountain View	Hawaii	t-deck	Meshtastic b981	Waimea	Hawaii	rak4631
KH6GG T-1000	Mountain View	Hawaii	tracker-t1000-e	Meshtastic d2b9	Waimea	Hawaii	tracker-t1000-e
KH6KU	Mountain View	Hawaii	heltec-wsl-v3	pi4-30db-hoku desk	Waimea	Hawaii	portduino
Unlimited_Laa	Mountain View	Hawaii	tracker-t1000-e	solar mini alpha	Waimea	Hawaii	rak4631
WH6EPS-B	Mountain View	Hawaii	station-g2	Solar Papa	Waimea	Hawaii	heltec-v3
WH6EPS-M	Mountain View	Hawaii	nano-g2-ultra	T-Beam S3 9d24	Waimea	Hawaii	liligo-tbeam-s3-core
WH6EPS-M2	Mountain View	Hawaii	tracker-t1000-e	Waikii 74c0	Waimea	Hawaii	heltec-v3
WH6EPS-M3	Mountain View	Hawaii	station-g2	Waikii G2	Waimea	Hawaii	station-g2
WH6JOE-B	Mountain View	Hawaii	heltec-v3	Waikii Repeater	Waimea	Hawaii	rak4631
WH6JOE-M1	Mountain View	Hawaii	tracker-t1000-e	Waimea Homesteads	Waimea	Hawaii	rak4631
WH6LC-B1	Mountain View	Hawaii	heltec-wsl-v3	Wardriver beta	Waimea	Hawaii	rak4631
Max Davis	Mud Lane	Hawaii	rak4631	Cyclops	Waimea Town	Hawaii	rak4631
Solar Mamalahoa	Mud Lane	Hawaii	heltec-v3	Solar Lima	Waimea Town	Hawaii	rak4631
AH6V-00ec	Ninole	Hawaii	heltec-v3	T-Beam Control	Waimea Town	Hawaii	t-beam
AH6V-6d04	Ninole	Hawaii	heltec-v3	T-Beam S3 Alpha	Waimea Town	Hawaii	liligo-tbeam-s3-core
AH6V-Ninole Mauka	Ninole	Hawaii	heltec-v3	LaeLae Repeater 4952	Waimea Watershed	Hawaii	rak4631
KH6GM G2 f5c4	Ninole	Hawaii	station-g2	Meshtastic 03a7	Waimea Watershed	Hawaii	tracker-t1000-e
KH6GM Spec5 7f60	Ninole	Hawaii	heltec-wireless-tracker	Meshtastic 4154	Waimea Watershed	Hawaii	rak4631
KH6GM T1000 bcd5 (mobile)	Ninole	Hawaii	tracker-t1000-e	Meshtastiv b1d4	Waimea Watershed	Hawaii	heltec-v3
Paaulo Mauka 1609	Paaulo	Hawaii	rak4631	Meshtastic 6570	West HI Concrete	Hawaii	heltec-v3
Meshtastic 4a6a	Paaulo Mauka	Hawaii	rak4631	Meshtastic 7764	West HI Concrete	Hawaii	heltec-v3
KH6HAK-B2	Pahoa	Hawaii	station-g2	Meshtastic e3b7	Wright Rd Volcano	Hawaii	tracker-t1000-e
KH6HAK-M1	Pahoa	Hawaii	tracker-t1000-e	Borg-Server		Hawaii	station-g2
HIMesh Project - Hilo	Panaewa	Hawaii	heltec-v3	CB999		Hawaii	t-deck
Meshtastic 3eca	Panaewa	Hawaii		ele/ele		Hawaii	heltec-v3
KH6RDO-Pepeekeo	Pepeekeo	Hawaii	heltec-v3	Kelan's Car		Hawaii	heltec-v3
Solar Keamuku	Pohakuloa	Hawaii	rak4631	kg6hwf		Hawaii	heltec-v3
GolfFiveSix	Puainako	Hawaii	heltec-mesh-mode-t114	KH6GG-uGG		Hawaii	portduino
Meshtastic 2dcd	Puako	Hawaii		LM-Logging		Hawaii	portduino
Meshtastic e385	Puuanahulu	Hawaii	heltec_mesh_node_t114	Meshtastic 7871		Hawaii	heltec-mesh-node-t114
HRCC Fast Node	UH West Hawaii	Hawaii	heltec-mesh-node-t114	Meshtastic 7c67		Hawaii	rak4631
solar node golf	Upper HOVE	Hawaii	rak4631	Meshtastic e744		Hawaii	keltec-v3

Hale Pohaku alpha 195f	Upper Humuula	Hawaii	rak4631	MLOA-2		Hawaii	station-g2
Waikii Coast	Upper Waikii	Hawaii	rak4631	ORCA Uconsole		Hawaii	portduino
Pocket V2 Gamma	Upper Waikoloa	Hawaii	rak4631	Solar Sensor		Hawaii	rak4631
Car54 f324	Volcano	Hawaii	tracker-t1000-e	SuM19374		Hawaii	heltec-v3
HA01 (mobile)	Volcano	Hawaii	tracker-t1000-e	VolcanoAI		Hawaii	portduino
IST2	Volcano	Hawaii	rak4631	WH6EBS-M2		Hawaii	tracker-t1000-e
KH7DQ Doug	Volcano	Hawaii	tracker-t1000-e	wh6gxz-POE		Hawaii	rak4631
KH7DQ-Base	Volcano	Hawaii	station-g2	WH6GXZ-ube		Hawaii	portduino
Meshtastic 2b34	Volcano	Hawaii		WH6GZZ		Hawaii	heltec-mesh-node-t114
Meshtastic fda1	Volcano	Hawaii		WH6HAA		Hawaii	tracker-t1000-e
MLE top 28	Volcano	Hawaii	rak4631	WH6HEO-Cold Xiaoe		Hawaii	seed-xiao-s3
MLE_Net 1424	Volcano	Hawaii	heltec-v3	WH6EY-Repeater	Wailua	Kauai	rak4631
VERT Planning Section Chief	Volcano	Hawaii	tracker-t1000-e	WH6EY-Unit1	Wailua	Kauai	rak4631
VolcanoAI	Volcano	Hawaii	portduino	WH6EY-Unit2	Wailua	Kauai	rak4631
WH6EBS R4	Volcano	Hawaii	station-g2	Haiku Makai	Haiku	Maui	Liligo t-beam S3 core
WH6EBS-M1	Volcano	Hawaii	tracker-t1000-e	Robert	Haiku	Maui	t-deck
WH6EBS-R3	Volcano	Hawaii	station-g2	Haleakala Summit Repeater	Haleakala	Maui	rak4631
WH6LQ	Volcano	Hawaii	tracker-t1000-e	IS2 3	Haleakala	Maui	t-beam
WH7BR-Base	Volcano	Hawaii	rak4631	WS85 Ho'okipa	Hana	Maui	rak4631
WH7BR-M1	Volcano	Hawaii	tracker-t1000-e	Meshtastic 10a5	Kaanapali	Maui	
gunwale	Volcano Golf Sub	Hawaii	tracker-t1000-e	Meshtastic 5384	Kaanapali	Maui	heltec_mesh_pocket
Meshtastic a390	WaaWaa	Hawaii	heltec-wsl-v3	Meshtastic 5f60	Kaanapali	Maui	t-beam
HIMesh-Project-Hilo	Waiakea Uka	Hawaii	heltec-wsl-v3	Meshtastic 73a4	Kaanapali	Maui	heltec-v3
Sodna	Waianuenue	Hawaii	t-beam	Mst2 f48b	Kahalui	Maui	rak4631
Meshtastic da94	Waianuenue Hilo	Hawaii	heltec-v3	6C t-deck	Kahalui	Maui	t-deck
Packmule	Waikii	Hawaii	heltec_mesh_node_t114	KG6HWF	Kahalui	Maui	t-echo
PI400-30db	Waikii	Hawaii	portduino	Maui No Ka Oi	Kahalui	Maui	tracker-t1000-e
Solar HP	Waikii Waimea	Hawaii	rak4631	Meshtastic 1a8d	Kahalui	Maui	tracker-t1000-e
solar waikii west	Waikii Waimea	Hawaii	rak4631	Meshtastic 755b	Kahalui	Maui	tracker-t1000-e
Waikii	Waikii Waimea	Hawaii	rak4631	Meshtastic ac54	Kahalui	Maui	
BuddyBopper01	Waikoloa	Hawaii	heltec-v4	Meshtastic fc08	Kahalui	Maui	
KB5LNC visiting near Waikoloa	Waikoloa	Hawaii	liligo-tbeam-s3-core	MIHNaoka	Kahalui	Maui	t-beam
KH_7878	Waikoloa	Hawaii	heltec_wireless_paper	MIHTdeck	Kahalui	Maui	t-deck
Meshtastic 0488	Waikoloa	Hawaii	t-deck-pro	PeakMesh 7702	Kahalui	Maui	rak4631
Meshtastic 34e4	Waikoloa	Hawaii	seed-wio-tracker-11			Maui	tracker-t1000-e
Mobius T-Echo	Waikoloa	Hawaii	t-echo	DSN_Kihe0	1001010 Kealaloloe Ridge	Maui	tracker-t1000-e
ORCA Uconsole	Waikoloa	Hawaii	portduino	Hello From Canada	Kihe0	Maui	tlora-v2-1-1p6
7772-Tracker 2	Waikoloa Beach	Hawaii	tracker-t1000-e	Kihe1	Kihe0	Maui	rak4631
Dekko Drone	Waikoloa Beach	Hawaii	tracker-t1000-e	Kihe1Base	Kihe0	Maui	rak4631
H2T Ncral438	Waikoloa Beach	Hawaii	heltec_mesh_mode_t114	Meshtastic 583c8	Kihe0	Maui	heltec-v3
M3at	Waikoloa Beach	Hawaii	tracker-t1000-e	Meshtastic c814	Kihe0	Maui	
Meshtastic 012e	Waikoloa Beach	Hawaii		Octogrid 01	Kihe0	Maui	t-echo
Meshtastic f22c	Waikoloa Beach	Hawaii		Octogrid 6	Kihe0	Maui	diy-v1
Meshtastic 4efc	Waikoloa Village	Hawaii	t-beam	Octopie Base Node	Kihe0	Maui	portduino
Orca Techo	Waikoloa Village	Hawaii	t-echo	pmow mobile	Kihe0 Ridge	Maui	t-echo
6IA seed Hilo	Wailuku	Hawaii	tracker-t1000-e	Cloud Castle Farm	Kula	Maui	liligo-tbeam-s3-core
6KSN Seed	Wailuku	Hawaii	tracker-t1000-e	Meshtastic ebf5	Kula	Maui	t-echo



WH6FXV-1 Fixed	Kula	Maui	heltec-v3	K9 43e0	Kahala	Oahu	heltec-v3
KH6TU	Lahaina	Maui	heltec-v3	KH7EC-R	Kahala	Oahu	rak2560
Meshtastic 2e09	Lahaina	Maui		Meshtastic 4fa9	Kahala	Oahu	wismesh-tag
Spud Mobile	Lahaina	Maui	lilygo-tbeam-s3-core	Meshtastic f504	Kahala	Oahu	heltec-v3
Big Kahuna 44e4	Launiupoko Lahaina	Maui	tracker-t1000-e	Mr. Loaf	Kahala	Oahu	t-echo
Launiupoko df60	Launiupoko Lahaina	Maui	rak4631	KH7TV Solar Base	Kahaluu	Oahu	rak4631
Meshtastic 90fa	Maalaea	Maui	t-echo	BTC11Green	Kailua	Oahu	heltec-v3
6HHG Heltec_V3	Makawao	Maui	heltec-v3	BTCFTW3	Kailua	Oahu	t-deck
6HHG Wio-Tracker Pro	Makawao	Maui	seed-solar-node	GTR Base	Kailua	Oahu	seed-solar-node
Colin Makawao	Makawao	Maui	tlora-v2-1-1p6	MattMobile	Kailua	Oahu	heltec-v3
Kanaka1	Makawao	Maui	rak4631	Meshtastic 1c46	Kailua	Oahu	rak4631
KH6UU d03c	Makawao	Maui	rak4631	Meshtastic 39db	Kailua	Oahu	seed-wio-tracker-l1
Meshtastic d287	Makawao	Maui	t-echo	Meshtastic 5f6f	Kailua	Oahu	
RatZ G2	Makawao	Maui	station-g2	Meshtastic 7776	Kailua	Oahu	
Silversword aabc	Makawao	Maui	heltec-v3	Meshtastic 793b	Kailua	Oahu	seed-wio-tracker-l1
TG2N	Makawao	Maui	nano-g2-ultra	Meshtastic 86d4	Kailua	Oahu	
WS85 54e4	Makawao	Maui	rak4631	Meshtastic c457	Kailua	Oahu	
Black Bag	Olinda	Maui	t-echo	Meshtastic dfb7	Kailua	Oahu	
KN6MCJ T-Echo	Olowalu	Maui	t-echo	Paul	Kailua	Oahu	seed-wio-tracker-l1
Team Of One	Olowalu	Maui	heltec-v3	WH6GTR A-Mobile	Kailua	Oahu	seed-wio-tracker-l1
WS85 WX 4011	Olowalu	Maui	rak4631	WH6GTR Base	Kailua	Oahu	seed-solar-node
Blue Mesh	Paia	Maui		X 23f3	Kailua	Oahu	rak4631
Meshtastic 706C	Paia	Maui	heltec-v3	X Solar - Hillside RPTR	Kailua	Oahu	rak4631
Meshtastic 7568	Paia	Maui	lilygo-tbeam-s3-core	KH7EC	Kaimuki	Oahu	tracker-t1000-e
Meshtastic 4b68	Pukalani	Maui	station-g2	KH7EC-A	Kaimuki	Oahu	heltec-v3
Tavis T-Echo	Pukalani	Maui	t-echo	Kakaako 4678	Kakaako	Oahu	heltec-v3
Tbeam	Pukalani	Maui	lilygo-tbeam-s3-core	N1PDG-1	Kakaako	Oahu	heltec-v3
Meshtastic 1c5c	Puunene	Maui	heltec-v3	Tiki's Loft A	Kakaako	Oahu	
MIH Master	Puunene	Maui	t-beam	Meshtastic addc	Kalaaloa	Oahu	
6C seed	Wailuku	Maui	tracker-t1000-e	Newstastic	Kalaaloa	Oahu	heltec-v4
6C T-deck	Wailuku	Maui	t-deck	Kalaaloa	Kalaaloa Airport	Oahu	rak4631
Mat1 ed54	Wailuku	Maui	rak4631	Meshtastic e8a7	Kalihi Valley	Oahu	
Mat3 7052	Wailuku	Maui	rak4631	WH6EGX mobile	Kalihi Valley	Oahu	wismesh_tag
Mat4 8355	Wailuku	Maui	tracker-t1000-e	APRS Kaneohe iGate	Kaneohe	Oahu	rak4631
Mat5 d67f	Wailuku	Maui	tracker-t1000-e	ART1 ECHO	Kaneohe	Oahu	t-echo
Meshtastic 4283	Wailuku	Maui	seed_wio_tracker_l1	HEE1 d340	Kaneohe	Oahu	seed_wio_tracker_l1
Meshtastic 73e8	Wailuku	Maui		Keaialau Repeater	Kaneohe	Oahu	rak4631
pmow test	Wailuku	Maui	t-echo	KH6ML Tracker	Kaneohe	Oahu	seed-wio-tracker-l1
Randy 7f40	Wailuku	Maui	heltec-v3	KH6ML-e Echo	Kaneohe	Oahu	t-echo
Wailuku Repeater (MQTT)	Wailuku	Maui	station-g2	KH7EH-04	Kaneohe	Oahu	station-g2
Atlavox S4		Maui	rak4631	KH7EH-15	Kaneohe	Oahu	lilygo-tbeam-s3-core
Haiku K9-H 2f26		Maui	rak4631	Meshtastic 212c	Kaneohe	Oahu	rak4631
KH6UU repeater		Maui	rak4631	Meshtastic 93b0	Kaneohe	Oahu	tracker-t1000-e
SunMesh 915a Solar		Maui	heltec-v3	Meshtastic da25	Kaneohe	Oahu	tracker-t1000-e
WH6AV 3b54		Maui	heltec-v3	Meshtastic f779	Kaneohe	Oahu	thinknode_M1
Meshtastic 607d	Honolulu	Molokai	t-echo	WH6FIX 4	Kaneohe	Oahu	seed-wio-tracker-l1
ENTM_Paper	Kaunakakai	Molokai	heltec-wireless-paper	WH6FIX 6	Kaneohe	Oahu	seed_wio_tracker_l1
ENTM-Solar	Kaunakakai	Molokai	heltec-mesh-node-t114	WH6FXV-3-06be	Kaneohe	Oahu	t-echo
PSOACAF	Kaunakakai	Molokai	heltec-v3	6MLF Fuschia fe47	Kapahulu	Oahu	seed_wio_tracker_l1
Molokai Kualapuu Hill	Kualapuu	Molokai	rak4631	Drakemesh	Kapahulu	Oahu	seed_wio_tracker_l1
MolokaiMesh1	Kualapuu	Molokai	rak4631	Meshtastic 9946	Kapahulu	Oahu	t-echo
WH6HDC-base	Kualapuu	Molokai	t-echo	Meshtastic af74	Kapahulu	Oahu	seed_wio_tracker_l1
WH6HDC-mobile	Kualapuu	Molokai	t-echo	Yuki Mobile Stubby	Kapahulu	Oahu	thinknode_m1
WH6HDC-mobile	Kualapuu	Molokai	heltec-mesh-pocket	AH6WN RAK1	Kapolei	Oahu	rak4631
ENTM_Solar	Molokai High School	Molokai	rak4631	HIMesh Project-Ewa	Kapolei	Oahu	tracker-t1000-e
ENTM_T-deck (mobile)	Molokai High School	Molokai	t-deck	KH6OWL ffc8	Kapolei	Oahu	heltec-v3
ENTM_Terminal	Molokai Shores	Molokai	rak4631	Meshtastic 7c74	Kapolei	Oahu	
ENTM-Peanut	Molokai Shores	Molokai	heltec-v3	KH6ML q T-Echo q	Keaialau Kaneohe	Oahu	t-echo
Molokai Pauwahu KH6ML 1f38	Waialua	Molokai	rak4631	Meshtastic 4194	Koko Head	Oahu	
Meshtastic 63c0	Pearl Harbor	Oahu		301 DEM Mobile	Koolau	Oahu	heltec-v3
Mesh at1	Aiea	Oahu	heltec-v4	Meshtastic 6ba0	Koolau	Oahu	tracker-t1000-e
Meshtastic ab78	Aiea Ridge	Oahu		Tikis.com near Band & Bar Solar	Kuhio Beach	Oahu	rak4631
RUSwork 003c	Ala Moana	Oahu	heltec-v3	SWTI 37A	Kunia	Oahu	tracker-t1000-e
AG Gn d068	East Kapolei	Oahu	heltec-v3	Pensacola mesh 05	Lanikai	Oahu	tracker-t1000-e
AG-X Base Node	East Kapolei	Oahu	heltec-v3	Meshtastic 09b4	Lower Makiki	Oahu	
Meshtastic 6424 KH6OWL	East Kapolei	Oahu	heltec-v3	WH6HEC-2	Lower Makiki	Oahu	tracker-t1000-e
Meshtastic 6a60	East Kapolei	Oahu		Makakilo-09	Makakilo	Oahu	rak4631
Mrs. Loaf	East Kapolei	Oahu	t-echo	Meshtastic 12ec	Makakilo	Oahu	rak4631
Sugoi Mesh	East Kapolei	Oahu	tracker-t1000-e	Meshtastic 3ade	Makakilo	Oahu	tracker-t1000-e
Sugoi Mesh R3 K	East Kapolei	Oahu	rak4631	Meshtastic d5de	Makakilo	Oahu	heltec-mesh-mode-t114
SWTI 37C	East Kapolei	Oahu	rak4631	Meshtastic d5de	Makakilo	Oahu	
hawaii_gaz	Enchanted Lake	Oahu	heltec-v3	Windy	Makakilo	Oahu	seed_wio_tracker_l1
Hawaii_gaz	Enchanted Lake	Oahu	heltec-v3	6MLs KH6ML Card at Work	Makiki	Oahu	tracker-t1000-e
KH6ML Bad Echo	Enchanted Lake	Oahu		Meshtastic 1bcf	Makiki	Oahu	tracker-t1000-e
Meshtastic 4c7f	Enchanted Lake	Oahu		Meshtastic 1ef1	Makiki	Oahu	
Meshtastic 8454	Enchanted Lake	Oahu	t-echo	Meshtastic 3ffe	Makiki	Oahu	
WH7GG T-Echo	Enchanted Lake	Oahu	t-echo	Meshtastic d85f	Makiki	Oahu	
Meshtastic 6a44	Ewa	Oahu		Punchbowl/Nuuanu KH6ML	Makiki	Oahu	rak4631
AH6WN RAK Mobile	Ewa Beach	Oahu	rak4631	T1000	Makiki	Oahu	tracker-t1000-e
Atlavox B2 6894	Ewa Beach	Oahu	rak4631	KH7TV Echo	Makiki - Roosevelt	Oahu	t-echo
Ewa by Gentry	Ewa Beach	Oahu	rak4631	Meshtastic e8cb	Makiki - Roosevelt	Oahu	
GreenRed ff58	Ewa Beach	Oahu	lilygo-tbeam-s3-core	NH7IT 01	Makiki - Roosevelt	Oahu	t-echo
HelGreenBlack 5898	Ewa Beach	Oahu	heltec-v3	Basement not monitored 6OCD	Makiki Punchbowl	Oahu	heltec-v3
Neactom	Ewa Forest Reserve	Oahu	t-beam	Manoa/Tantalus mk23	Manoa	Oahu	t-beam
Meshtastic 90b4	Ewa Plains	Oahu	t-beam	NH7IT Manoa	Manoa	Oahu	heltec-v3
Meshtastic 22c9	Halawa	Oahu	seed Card Tracker T1000-E	Upper Manoa - mk23 808	Manoa	Oahu	rak4631
7o Minami ch20 c067	Hawaii Kai	Oahu	t-echo	Bradventure	Maunawili	Oahu	heltec-v3
KH6D Spec5	Hawaii Kai	Oahu	t-deck	Pika	Maunawili	Oahu	rak4631
Last Responder	Hawaii Kai	Oahu	rak4631	Meshtastic 57f8	MCBH Kaneohe	Oahu	
Meshtastic e68b	Hawaii Kai	Oahu	heltec-mesh-node-t114	Meshtastic d724	MCBH Kaneohe	Oahu	heltec-v3
WisMesh Pocket 718a	Hawaii Kai	Oahu	rak4631	Meshtastic a3a8	Milliani	Oahu	
AG_Blue_Radio	Helemano	Oahu	heltec-v4	Milliani ead0	Milliani	Oahu	heltec-v3
WH6FIX 2	Hickam	Oahu	heltec-v3	Milliani V4	Milliani	Oahu	
Pensacola Gardens	Honolulu	Oahu	rak4631	Tdeck T25P	Milliani	Oahu	t-deck

Meshtastic 92b6	Monalua	Oahu		NH7IT Robot	Oahu	heltec-v3
Meshtastic a211	Nuuanu Valley	Oahu		WH6ECG-15	Oahu	heltec-v3
JeffreyP	Olomana	Oahu	seeed-wio-tracker-11	WH6ECG-2	Oahu	heltec-v3
keolu kailua bmo	Olomana	Oahu	heltec-v3	WH6ECG-5	Oahu	heltec-v3
KevinB	Olomana	Oahu	seeed-wio-tracker-11	WH6ECG-6	Oahu	heltec-v3
Linda	Olomana	Oahu	seeed-wio-tracker-11	WH6ECG-7	Oahu	t-deck
Meshtastic 215c	Olomana	Oahu		WH6ECG-9	Oahu	t-deck
Meshtastic 7210	Olomana	Oahu		WH6FXV-Dash	Oahu	sensecap-indicator
Meshtastic af40	Olomana	Oahu		Kilohana Solar	Hawaii	rak4631
Meshtastic d5a9	Olomana	Oahu		Mloa-H Test	Hawaii	heltec-v3
7o TD2 fbe0	Palolo	Oahu	t-deck	Molokai MPS MOD6 19d	Molokai	rak4631
Howzit	Palolo	Oahu	heltec-v3	Feds Watcher	unknown	t-deck-pro
Meshtastic 6530	Palolo	Oahu	tlora-v2-1-1p6	101 Home Base		heltec-v3
Meshtastic 8705	Palolo	Oahu	heltec_mesh_node_t114	101 mobile		heltec-v3
SOUTH 20 fbba	Palolo	Oahu	t-echo	39EC		heltec-v3
302B Mobile	Pearl City	Oahu	heltec-v3	4248 (mobile)		t-deck
Blinky	Pearl City	Oahu	heltec-v3	6C Hell-Kat		heltec-v3
Palisades PEAR a130	Pearl City	Oahu	seeed-solar-node	6C R1		rak4631
Solar Aiea	Pearl Harbor	Oahu	m5stack-c6l	6C T Deck		t-deck
CRN C6L	Pearl Harbor	Oahu	station-g2	6C Wisblock		rak4631
HiMesh Project - Aiea	Pearl Harbor	Oahu	rak4631	6C_M1		thinknode-m1
Meshtastic 1a27	Pearl Harbor	Oahu		6C_Pocket_Mesh 10k		heltec-mesh-pocket
Meshtastic 259d	Pearl Harbor	Oahu		6C_Pocket_Mesh_5K		heltec-mesh-pocket
Meshtastic 3a1f	Pearl Harbor	Oahu	t-echo	6CP ESF2		tracker-t1000-e
Meshtastic 412c	Pearl Harbor	Oahu	helyec-v3	6Mlg Green Peak e206		rak4631
Meshtastic b78a	Pearl Harbor	Oahu	rak4631	777 6e2b		tracker-t1000-e
Meshtastic 8e34	Pearl Ridge	Oahu	heltec-vision-master-t190	7o N20 Solar 5c0b		rak4631
Meshtastic 2bcc	Pearlridge	Oahu	heltec-vision-master-t190	a5b8 Frankie		heltec-v3
KH6ML-mobile T-Echo2	Punchbowl	Oahu	t-echo	AAAA 6a36		tracker-t1000-e
KaiserT114_23b0	Roosevelt High Makiki	Oahu	heltec-mesh-node-t114	AB4YY-solar		rak4631
Meshtastic 09b8	Roosevelt High Makiki	Oahu	heltec-v3	adam ant		t-deck
Hikers Solar PW Manoa	Upper Manoa	Oahu	rak4631	AG Home Station		rak4631
SLH2 c1ab	Upper Palolo	Oahu	t-echo	AH6WN T-Deck		t-deck
SLH1 9ef2 (mobile)	Upper Palolo	Oahu	t-echo	Alex		heltec-v3
Traveler 9430	Upper Palolo	Oahu	t-deck	AlexMobileCL		xiao-nrf52-kit
Meshtastic 3e68	Wahiawa	Oahu		AlexShedCL		xiao-nrf52-kit
KH7EC-A	Waialae Kahala	Oahu	heltec-v3	All meshed up		heltec-v4
KH7EC-B	Waialae Kahala	Oahu	heltec-v3	Astra Hv3		heltec-v3
KH7EC-H	Waialae Kahala	Oahu	heltec-v3	Atlavox C3 d0ab		rak4631
LoRa GCP 514c	Waialae Kahala	Oahu	heltec-v3	Atlavox Cape Coral		rak4631
Meshtastic b8a6	Waialae Kahala	Oahu	heltec-mesh-node-t114	Attick Shire		t-beam
Meshtastic de16	Waialae Kahala	Oahu		AUXC HI		heltec-v3
sukebe mesh	Waialae Kahala	Oahu	t-lora-pager	AWiese1		heltec_mesh_node_t114
T Deck Complete	Waialae Kahala	Oahu	t-deck	Back Solar 0b3d		rak4631
WH6OMG 51d1	Waialae Kahala	Oahu	tracker-t1000-e	Backpack_jblack_m		rak4631
Meshtastic Oddc	Waialae-Kahala	Oahu	seeed_wio_tracker_11	Battery		heltec-mesh-pocket
Meshtastic 1d7c	Waialae-Kahala	Oahu	seeed_wio_tracker_11	BBBB 7cf8		heltec-v3
Meshtastic 8d79	Waialae-Kahala	Oahu	seeed_wio_tracker_11	NH7IT Robot	Oahu	heltec-v3
Meshtastic faf9	Waialae-Kahala	Oahu	seeed_wio_tracker_11	WH6ECG-15	Oahu	heltec-v3
Sea Dog	Waialae-Kahala	Oahu	t-deck	WH6ECG-2	Oahu	heltec-v3
HiMesh Project - Waianae	Waianae	Oahu	station-g2	WH6ECG-5	Oahu	heltec-v3
D3 310	Waikale	Oahu	heltec-v3	WH6ECG-6	Oahu	heltec-v3
D3 310 w	Waikale	Oahu	heltec-v3	WH6ECG-7	Oahu	t-deck
Cincinnati Mobile Rock	Waikiki	Oahu	seeed-wio-tracker-11	WH6ECG-9	Oahu	t-deck
Daniel Meyers	Waikiki	Oahu	tracker-t1000-e	WH6FXV-Dash	Oahu	sensecap-indicator
effoff.io c1 discord.gg/florida	Waikiki	Oahu	tracker-t1000-e	Kilohana Solar	Hawaii	rak4631
holdsteady	Waikiki	Oahu	tracker-t1000-e	Mloa-H Test	Hawaii	heltec-v3
Kevin.NB7O	Waikiki	Oahu	tracker-t1000-e	Molokai MPS MOD6 19d	Molokai	rak4631
KH6ML Work E-Ink at DE	Waikiki	Oahu	heltec-wireless-paper	Feds Watcher	unknown	t-deck-pro
King1000e	Waikiki	Oahu	tracker-t1000-e	101 Home Base		heltec-v3
Meshtastic 05b4	Waikiki	Oahu		101 mobile		heltec-v3
Meshtastic 1665	Waikiki	Oahu		39EC		heltec-v3
Meshtastic 4b27	Waikiki	Oahu		4248 (mobile)		t-deck
Meshtastic a0f8	Waikiki	Oahu		6C Hell-Kat		heltec-v3
Meshtastic e6d2	Waikiki	Oahu	tracker-t1000-e	6C R1		rak4631
Michelle.K7MGO	Waikiki	Oahu	tracker-t1000-e	6C T Deck		t-deck
NH7IT waipuna	Waikiki	Oahu	rak4631	6C Wisblock		rak4631
ShakataGaNaI/L1Pro	Waikiki	Oahu	seeed-wio-tracker-11	6C_M1		thinknode-m1
ShakataGaNaI/WisTag bayme.sh	Waikiki	Oahu	wismesh-tag	6C_Pocket_Mesh 10k		heltec-mesh-pocket
TaKo0_Actual	Waikiki	Oahu	tracker-t1000-e	6C_Pocket_Mesh_5K		heltec-mesh-pocket
Wallops Mobile	Waikiki	Oahu	rak4631	6CP ESF2		tracker-t1000-e
7HO2 Solar	Waimanalo	Oahu	heltec-mesh-pocket	6Mlg Green Peak e206		rak4631
Baywatch 124b	Waimanalo	Oahu	heltec-v3	777 6e2b		tracker-t1000-e
BluePanda	Waimanalo	Oahu	seeed-wio-tracker-11	7o N20 Solar 5c0b		rak4631
DanaP	Waimanalo	Oahu	heltec-v4	a5b8 Frankie		heltec-v3
GoldenPanda	Waimanalo	Oahu	heltec_wireless_paper	AAAA 6a36		tracker-t1000-e
Meshtastic bb08	Waimanalo	Oahu		AB4YY-solar		rak4631
Meshtastic c9f0	Waimanalo	Oahu		adam ant		t-deck
Meshtastic e060	Waimanalo	Oahu		AG Home Station		rak4631
RUSS bb66	Waimanalo	Oahu	rak4631	AH6WN T-Deck		t-deck
D3 301M	Waimano	Oahu	heltec-v3	Alex		heltec-v3
D3 310B	Waimano	Oahu	heltec-v3	AlexMobileCL		xiao-nrf52-kit
Meshtastic 4601	Waimanu Valley Ridge	Oahu	lilygo-tbeam-s3-core	AlexShedCL		xiao-nrf52-kit
6136_5634	Waipahu	Oahu		All meshed up		heltec-v4
Meshtastic 3df8	Waipahu	Oahu	heltec-v4	Astra Hv3		heltec-v3
Meshtastic a26c	Waipahu	Oahu	seeed-wio-tracker-11	Atlavox C3 d0ab		rak4631
Meshtastic ba05	Waipahu	Oahu	heltec-mesh-node-t114	Atlavox Cape Coral		rak4631
Poi Dog 19f4	Waipahu	Oahu		Attick Shire		t-beam
Meshtastic 5ccc	Waipahu Uka	Oahu		AUXC HI		heltec-v3
WH6ECG-00 Heeia	Windward Mall area	Oahu	heltec-v3	AWiese1		heltec_mesh_node_t114
AH6T_Mesh_dcc6		Oahu	t-echo	Back Solar 0b3d		rak4631
KH6EKD-1		Oahu	heltec-v3	Backpack_jblack_m		rak4631
KH6ML BBS Loft (DM CMD for Commands)		Oahu	heltec-v3	Battery		heltec-mesh-pocket
KH6ML-fox		Oahu	heltec-v3	BBBB 7cf8		heltec-v3



GtZ2_6d5b
 Haole Norm
 Harbor Breeze 01
 Harbor Breeze 02
 HAVERLY01
 HBMC-R
 Helix-Heltec-V4
 HeritageLink
 Hethrael Tag
 Icebear
 Inoculation
 Iron Giant
 JavaMeshHome
 Jays Node
 Jeffrey 89be
 Joey
 K5DCE Base
 KA4NQS f57c
 KaiMT
 Karah_WRXM997
 KERNY 3.0
 KH6ICU C-Roof 1 Hilo
 KH6ML Portable White Paper
 KH6UU 5dd4
 KH7EC-C
 KH7EH WXBOT
 KH7TV Beam
 KI4ekj-3
 KL7VE a3af
 KR-IT-RC
 Kulamalu MQTT Maui
 Lanikai looking @Kailua & Maui
 Little Brother 2
 LM - Turbotest
 LM-Rak
 LM-TactCon
 LM-UDPtest
 M-1
 MadgeAR02
 Magnetic 1b76
 Mama_Kat e770
 Maus ab9a
 MaxLinux Rok Trak
 Meshtastic b6b8
 Meshtastic Terminal
 Melissa WH6GXQ
 Merlin 350

meshforge moc1
 meshforge moc1
 Meshtastic 02ce
 Meshtastic 02f4
 Meshtastic 03ac
 Meshtastic 04c6
 Meshtastic 04e0
 Meshtastic 0506
 Meshtastic 059d
 Meshtastic 0660
 Meshtastic 06cc
 Meshtastic 078a
 Meshtastic 0892
 Meshtastic 09f4
 Meshtastic 0c20
 Meshtastic 0c70
 Meshtastic 1476
 Meshtastic 147a
 Meshtastic 14b9
 Meshtastic 1598
 Meshtastic 15dc
 Meshtastic 16a2
 Meshtastic 16c3
 Meshtastic 197c
 Meshtastic 1d94
 Meshtastic 2004
 Meshtastic 2026
 Meshtastic 21e4
 Meshtastic 21fc
 Meshtastic 244c
 Meshtastic 24e5
 Meshtastic 2528
 Meshtastic 25e0
 Meshtastic 25f0
 Meshtastic 2660
 Meshtastic 276a
 Meshtastic 27c5
 Meshtastic 2849
 Meshtastic 298c
 Meshtastic 2ac1
 Meshtastic 2b24
 Meshtastic 2f90
 Meshtastic 30bc
 Meshtastic 3163
 Meshtastic 3261
 Meshtastic 3324
 Meshtastic 3528



rak4631
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 heltec-wsl-v3
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 lilygo-tbeam-s3-core
 Heltec-wireless-tracker
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 station-g2
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 tracker-t1000-e
 xiao-nrf52-kit
 rak4631
 sensecap-indicator
 station-g2
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 tracker-t1000-e
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 heltec-mesh-node-t114
 station-g2
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 t-echo
 rak4631
 t-lora-v2-1-1p6
 heltec_v4
 heltec-mesh-pocket
 rak4631
 t-echo

Meshtastic 3528
 Meshtastic 36b1
 Meshtastic 36f9
 Meshtastic 36f9
 Meshtastic 3747
 Meshtastic 399a
 Meshtastic 399a
 Meshtastic 3e68
 Meshtastic 3f34
 Meshtastic 3f68
 Meshtastic 3f98
 Meshtastic 4022
 Meshtastic 4294
 Meshtastic 4398
 Meshtastic 4533
 Meshtastic 4ac0
 Meshtastic 4b1d
 Meshtastic 4cb3
 Meshtastic 4d45
 Meshtastic 4f2b
 Meshtastic 5073
 Meshtastic 515c
 Meshtastic 52dc
 Meshtastic 556c
 Meshtastic 5890
 Meshtastic 5cfc
 Meshtastic 5dd6
 Meshtastic 6190
 Meshtastic 61d4
 Meshtastic 6200
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 Meshtastic 63cd
 Meshtastic 6615
 Meshtastic 6670
 Meshtastic 67b0
 Meshtastic 6814
 Meshtastic 696e
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 Meshtastic 6a2c
 Meshtastic 6cd2
 Meshtastic 6d44
 Meshtastic 6dbd
 Meshtastic 6ddc
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 Meshtastic 72fc

Meshtastic 74b0
 Meshtastic 78a3
 Meshtastic 7a47
 Meshtastic 7a90
 Meshtastic 7afc
 Meshtastic 7b94
 Meshtastic 7bd8
 Meshtastic 7c78
 Meshtastic 7d14
 Meshtastic 7fc4
 Meshtastic 8148
 Meshtastic 82ec
 Meshtastic 83f4
 Meshtastic 87d5
 Meshtastic 8824
 Meshtastic 8cb8
 Meshtastic 8f3c
 Meshtastic 8f7c
 Meshtastic 8fd1
 Meshtastic 90dc
 Meshtastic 92c4
 Meshtastic 9440
 Meshtastic 9468
 Meshtastic 94b8
 Meshtastic 9650
 Meshtastic 97a7
 Meshtastic 9940
 Meshtastic 9fbc
 Meshtastic a096
 Meshtastic a0aa
 Meshtastic a304
 Meshtastic a3fc
 Meshtastic a42f4
 Meshtastic a4b8
 Meshtastic a5dc
 Meshtastic a8ca
 Meshtastic a978
 Meshtastic a980
 Meshtastic aa80
 Meshtastic abcb
 Meshtastic ad48
 Meshtastic ade8
 Meshtastic aec7
 Meshtastic b468
 Meshtastic b6fd
 Meshtastic b7dc
 Meshtastic b8ac



t-echo
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 t-beam
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 t-deck
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 heltec-v4
 rak4631
 tracker-t1000-e
 rak4631
 t-beam
 heltec-v3
 tracker-t1000-e
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 heltec-v3
 private-hw
 t-beam
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 t-lora-v2-1-1p6
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 heltec-v3
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 heltec-v3
 heltec-wireless-tracker
 station-g2
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 heltec-v3

Meshtastic b9c9
 Meshtastic b9f9
 Meshtastic bac7
 Meshtastic be24
 Meshtastic be90
 Meshtastic bee4
 Meshtastic c008
 Meshtastic c0f0
 Meshtastic c20c
 Meshtastic c76c
 Meshtastic c904
 Meshtastic ccd4
 Meshtastic cd50
 Meshtastic ce9e
 Meshtastic d0be
 Meshtastic d145
 Meshtastic d403
 Meshtastic d514
 Meshtastic d518
 Meshtastic d65e
 Meshtastic d904
 Meshtastic d958
 Meshtastic da82
 Meshtastic db70
 Meshtastic defc
 Meshtastic dfe8
 Meshtastic e110
 Meshtastic e128 (mobile)
 Meshtastic e145
 Meshtastic e4d4
 Meshtastic e980
 Meshtastic e9f0
 Meshtastic ebe4
 Meshtastic ed00
 Meshtastic ee90
 Meshtastic eed7
 Meshtastic ef88
 Meshtastic f028
 Meshtastic f310
 Meshtastic f6b4
 Meshtastic f728
 Meshtastic f7c4
 Meshtastic f830
 Meshtastic f8d0
 Meshtastic f8f0
 Meshtastic f934
 Meshtastic f954

Meshtastic fb9c
 Meshtastic fbaf
 Meshtastic fc73
 Meshtastic fe05
 Meshtastic fe54
 Meshtastic d0d0
 Millie dc60
 MiMobile
 MkkB
 mkkD
 mkkP
 mkkT
 MLCS-2
 MLE_752c
 MLE_Net ce65
 MLE_Net_e66f
 Mobile fda0
 Mobiud T1000-E
 Monkey 8044
 monlab heltec v3 68ac
 msunset
 MT3
 Muzi-R1-Rover
 NEEZ
 Neshtastic a078
 Nibbler 8de4
 Nmeshtastic 33a4
 Node Collector EDC Muzi
 NorthRWest 2
 NorthRWest Base
 Norwood-Online
 ORCA Hapuna
 ORCA T1000e
 ORCA Tdeck Plus (mobile)
 ORCA Westside
 Orcatdeck
 PatchrZero.Prime
 Patroit f6d4
 Patti
 Pher Mobile
 pi3-30db-echo
 pi3a-cd98
 PI5-waveshare bfc2
 Pi-zero-22db alpha
 pi-zeroW-delta
 Plantation Harbor 6da3
 Plantation Harbor eed6



tracker-t1000-e
 tracker-t1000-e

heltec-v3
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 heltec-wireless-tracker
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 heltec-v3

heltec_mesh_node_t114
 tracker-t1000-e
 heltec-v3

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 tracker-t1000-e

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 heltec-v3

heltec-v3

xiao-nrf52-kit

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 heltec-v4
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 rak4631
 heltec-v3
 t-deck
 tlora-v2-1-1p6
 muzi_r1_neo
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 tracker-t1000-e
 t-deck
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 t-deck
 heltec-wsl-v3
 heltec-v3
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 tracker-t1000-e
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 heltec_mesh_node_t114

Meshtastic Infrastructure

Meshtastic infrastructure is built on the foundation of decentralized, off-grid communication using LoRa technology. It enables low-power, long-range communication over ISM radio bands, making it suitable for various applications, including IoT projects and emergency response. The project is community-driven, with a strong DIY ethos, and has found applications in remote areas, natural disasters, and areas with internet censorship. Meshtastic's optional location-tracking capabilities allow for monitoring community members without relying on data-intensive commercial applications.

[↔ Meshtastic](#)

The infrastructure is composed of clusters of nodes communicating locally with each other and expanding as clusters become visible to one another. Without linking infrastructure, connecting from one cluster to another is not possible, but some MQTT relay features exist. The use and development of the network require very few resources, as simple DIY nodes based on widely available devkits are sufficient.

[↔ Wikipedia](#)



Pualani Pocket
 RAK 1W 9204
 RAK sensor test ebb9
 RAK Solar KOKO
 RAK Solar sensor gamma
 Richard A Mobile 1
 Rook Pro
 Rookery CAW1
 ROSTASTIC_01
 Scooby Doo
 Sen1
 SenseCap_02
 SKW1
 Small Kine Lolo Papolo
 solar block
 Solar DannyK
 Solar Oscar
 Solar Snake 01
 SolarBaker
 SOTU
 Station G2
 Sugoi Mesh R1
 Sukebe mobile
 Sunflower I (sj mesh)
 SunMesh 915a
 T_Beam_S_986c
 Taylor
 T-Beam Beta
 T-Beam Gamma
 t-beam S3 49e8
 Tbeam-S3-9e34
 Tbird TT01
 tdeck forrestk3
 T-Echo a912
 T-Echo c7a3
 Tiny Solar (Williams Crossroads)
 TK_Heltec_V3
 TRE1 9502
 tuti
 Uconsole
 VERT Deputy Planning Chief
 VERT Fire Dept Liaison
 VERT Medical Unit Lead
 VERT-01
 Vagon Poetry
 Wah_Phku_1
 Warbird Pocket

WH6ECG-16 Heeia
 WH6ECG-34 Heeia
 WH6ECG-37 Heeia
 WH6FIX 1
 WH6FXV-0
 WH6FXV-1 000c
 WH6GEJ RAK2
 WH6GIY Mobile
 WH6OMG solar 1
 WH6OMG Solar 2
 WH7PD_DragonHawk
 Whisper Node 3
 Wiselock 6c2c
 WS85
 WYK7 TC2-BBS-Mesh CMD B
 X Solar
 X Tdeck
 zhu 5e08

tracker-t1000-e
 rak4631
 rak4631
 rak4631
 rak4631
 rak4631
 t-echo
 t-deck
 heltec-v3
 tracker-t1000-e
 tracker-t1000-e
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